



GLAST

Science Support Center Status Report

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GSSC Staffing



- ***New programmer hire, March 2007***
 - *Actual net increase of ~0.5 FTE*
 - *Emphasis on science tools development*
- ***Hope for flat staffing profile until ~mission-phase 2***
- ***Ops SW development should ramp down over coming year***
 - *Could shift some ops SW manpower to analysis SW*
- ***Real-time support staffing plan under development***



Science Analysis Tools



- **Work in progress:**
 - *Implementing GUC beta-test driven changes*
 - *New tools: pulsar blind search (partially completed)*
 - *Exploratory work; PSF studies, LC tool*
- **Proposing 2-3 F2F meetings w/LAT SW team**
 - *Complementary to higher level WWW meetings*
 - *Detail (nuts'n'bolts) oriented rather than brainstorming*
- **Nominal Schedule**
 - *Follow up GUC "gamma-test" by fall 07 meeting*
 - *Full beta release in April 08*
 - *Full release in time for support Cycle-2 NRA*



User Support



- ***Proposal planning tools on track for 3/07 release***
 - *Separate presentation*
- ***Demo available to symposium attendees***
 - *GLAST booth*



Operations Support

- **Completed Internal test of ToO triggering system**
 - *Refinements implemented*
- **Plans for GSSC LEO participation discussed at OPS TIM**
 - *Paging system being devised*
 - *GSSC operations support manual drafted*
- **Preparations for forthcoming ground-system & end-to-end tests**
 - *Agreement w/ISOC's resolving ICD issues*
 - *Follow up discussions during symposium*



Archive & Data Operations



- **Cy-1 data distribution plan under discussion:**
 - *GSSC will post GBM data products,*
 - *Possibly auxiliary products, e.g. FT2 files, ExpCubes?*
- **Discussions this week on how/where to post LAT monitoring results. Pros/Cons:**
 - **GSSC:** *all cy-1 products in the same place, Browse compatible DB facilitates 3rd party mirrors, extensive user support experience*
 - **LAT:** *in-house expertise, reduces or eliminates “latencies”, eliminates need for ICD mods, pipeline changes*



Archive & Data Operations



- **Initialized procurement for DB server hardware**
- **ICD issues being worked w/ISOCs;**
 - *Discernable movement towards greater stability*
- **Discussions this week with ASDC:**
 - *Database mirror?*
 - *What are requirements?*
- **HEASARC also reviewing ASDC system**
 - *Will advise GSSC based on analogous experiences w/mirror sites*